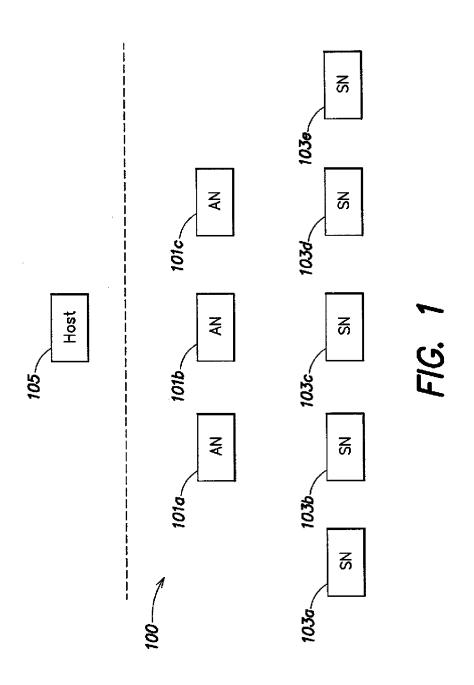Title: METHODS AND APPARATUS FOR
INCREASING DATA STORAGE CAPACITY
Applicant: Stephen J. Todd et al.
Serial No.: 10/787,337
Docket No.: E0295.70199US00
**REPLACEMENT SHEET**

FIG. 1

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*FIG. 2*

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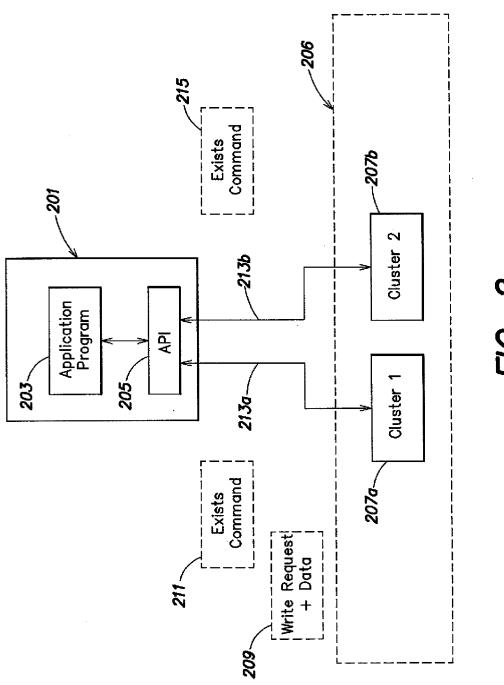Docket No.: E0295.70199US00
**REPLACEMENT SHEET**

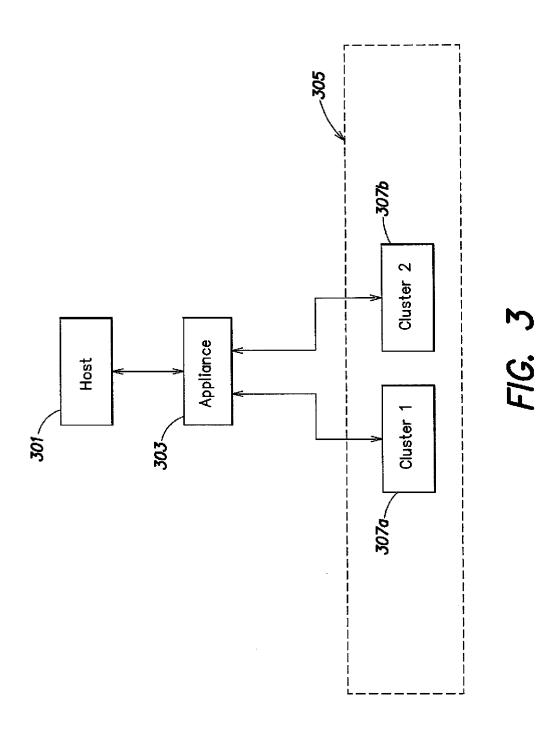*FIG. 3*

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**REPLACEMENT SHEET**
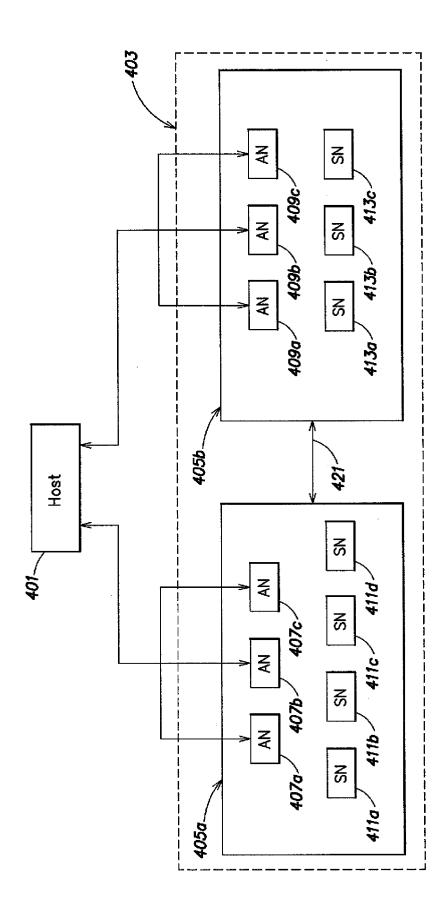


*FIG. 4*

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Docket No.: E0295.70199US00
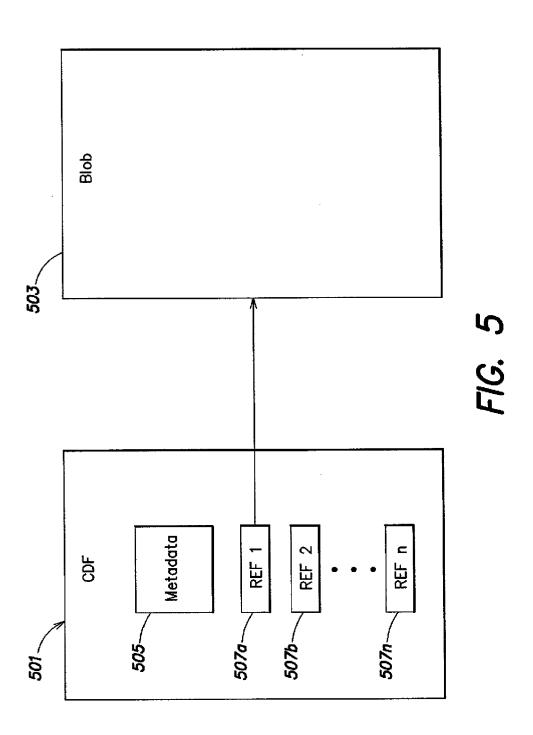**REPLACEMENT SHEET**

*FIG. 5*

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601 — 'A'—'I'     603 — 'J'—'R'     'S'—'Z' — 605

| Cluster 1 | Cluster 2 | Cluster 3 |
|-----------|-----------|-----------|

# FIG. 6

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| Hash | Timestamp | GUID |
|------|-----------|------|

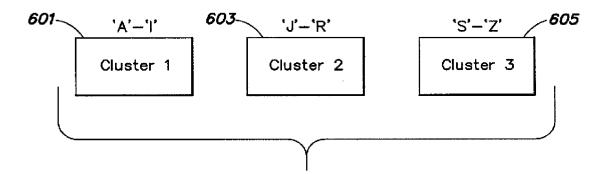701

*FIG. 7*

Timestamp — 801

⊗ — 803

805

807

*FIG. 8*

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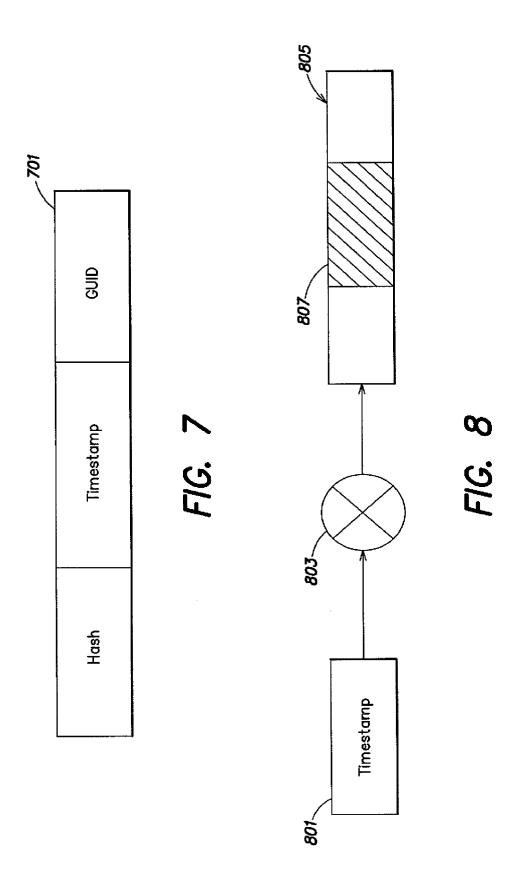
*901*

*903*

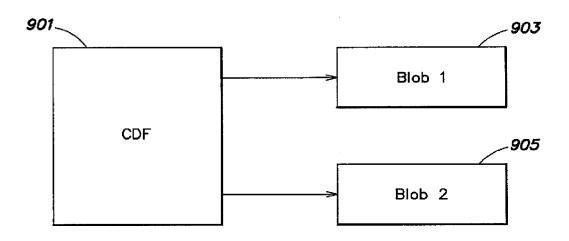CDF

Blob 1

*905*

Blob 2

# *FIG. 9*

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<Federation Policy>
1001 ——— <Timeslice start="-1" end="10199209302l">
1003 ——— <FBN mod="1" result="0" cluster="C1"/>
        </Timeslice>
1005 ——— <Timeslice start="10199209302l" end="10199383838">
1007 ——— <FBN mod="2" result="0" cluster="C1"/>
1009 ——— <FBN mod="2" result="1" cluster="C2"/><!--Added cluster C2-->
        </Timeslice>
1011 ——— <Timeslice start="10199383838 end="-1">
1013 ——— <FBN mod="5" result="0" cluster="C1"/><!--C1 almost full-->
1015 ——— <FBN mod="5" result="1" cluster="C2"/>
1017 ——— <FBN mod="5" result="2" cluster="C2"/>
1019 ——— <FBN mod="5" result="3" cluster="C3"/>
1021 ——— <FBN mod="5" result="4" cluster="C3"/><!--Added cluster C3-->
</FederationPolicy>
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*FIG. 10*